

United States Patent Application  
Information Sheet

**Thermo-dynamic battery storage unit**

**Abstract:**

**WE ARE CONVERTING THERMO-DYNAMIC ENERGY, USING COMPRESSED GAS, VACUUM TECHNOLOGY, INTO ELECTRICAL ENERGY. STORING SAME FOR APPLICATION USE WITH ANY DEVICE THAT REQUIRES BATTERY POWER TO FUNCTION.**

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## **CLAIMS:**

### **WHAT IS CLAIMED:**

**1. A POWER DEVICE COMPRISING:  
AN ENERGY SOURCE;**

**A COMPRESSED GAS STORAGE DEVICE; AND**

**A VACUUM CHAMBER; AND**

**A GENERATOR;**

**A TURBINE-FAN DEVICE;**

**WHEREIN SAID COMPRESSED STORAGE DEVICE SUPPLIES SAID GENERATOR AND VACUUM CHAMBER WITH COMPRESSED GAS THROUGH A TURBINE-FAN DEVICE; RESULTING IN ELECTRICAL POWER GENERATION.**

**2. A POWER DEVICE ACCORDING TO CLAIM1, WHEREIN SAID POWER DEVICE FURTHER COMPRISES A HEAT EXCHANGER, WHEREIN SAID HEAT EXCHANGER EXPANDS THE VOLUME OF THE GAS.**

**3. A POWER DEVICE ACCORDING TO CLAIM 1, WHEREIN SAID POWER DEVICE FURTHER COMPRISES A CONTROLLER, WHEREIN SAID CONTROLLER CONTROLS THE POWER TO BE CONSUMED.**

**4. A POWER DEVICE ACCORDING TO CLAIM 1, WHEREIN SAID ENERGY SOURCE IS DERIVED FROM COMPRESSED GAS AND VACUUM CHAMBERED ENERGY CONVERTED TO ELECTRICAL POWER.**

**5. A POWER DEVICE FOR CREATING POWER FROM COMPRESSED GAS AND VACUUM CHAMBERED ENERGY, SAID POWER DEVICE COMPRISING;**

**AN ENERGY SOURCE;**

**A COMPRESSED GAS STORAGE DEVICE;**

**A VACUUM CHAMBER DEVICE;**

**A GENERATOR; AND**

**A TURBINE-FAN DEVICE;**

**WHEREIN SAID TURBINE-FAN DEVICE AND VACUUM CHAMBER RECEIVES COMPRESSED GAS, WHEREIN SAID COMPRESSED GAS EXPANDS TO TURN THE GENERATOR, WHEREIN SAID**

**GENERATOR PRODUCES CONSUMABLE ELECTRICAL POWER AND HEAT, WHEREIN SAID HEAT FURTHER EXPANDS THE COMPRESSED GAS.**

**6. A POWER DEVICE ACCORDING TO CLAIM 5, WHEREIN SAID POWER DEVICE FURTHER COMPRISES A HEAT EXCHANGER, WHEREIN SAID HEAT EXCHANGER INCREASES THE COMPRESSED GAS TEMPERATURE.**

**DESCRIPTION:**

**TECHNICAL FIELD OF THE INVENTION**

**THE PRESENT INVENTION RELATES GENERALLY TO A POWER DEVICE FOR USE IN ANY APPLICATION FOR ANY ELECTRICAL DEVICE THAT REQUIRES BATTERY POWER TO FUNCTION. MORE EXPLICITLY, THE PRESENT INVENTION DISCLOSES AN INNOVATIVE, HIGH POWER DEVICE WHICH DOES NOT GENERATE ANY HARMFUL ENVIRONMENTALLY POLLUTING RESIDUE, AND IT IS EXTREMELY HIGH ECOLOGICALLY AWARE IN OPERATION AND DESIGN, ACTUALLY REPLENISHING CLEAN OZONE BACK INTO THE ATMOSPHERE, IT IS LONG LASTING, AND DESIGNED TO BE RE-USABLE UNLIKE CONVENTIONAL UNITS.**

**BACKGROUND OF THE INVENTION:**

**GENERALLY, WE, MANKIND, HAVE HAD MAJOR PROBLEMS WITH RELATION TO BATTERIES. THE PROBLEMS ARE DEFINED AS: THE CHARGING OF BATTERIES, SERVICING OF BATTERIES, THE NON-REUSABILITY OF BATTERIES, AND THE HIGHLY DANGEROUS, HAZARDOUS, ENVIRONMENTALLY POLLUTING CHEMICALS USED IN BATTERIES, AND THEIR HEAVY WEIGHT. OUR THERMO-DYNAMIC BATTERY STORAGE UNIT SOLVES ALL OF THESE ISSUES AND GENERATES CLEAN, USABLE ENERGY, WHILE REMAINING CHEMICAL-FREE, LIGHTWEIGHT, ECONOMICAL, ENVIRONMENTALLY FRIENDLY.**

## **OBJECTS OF THE INVENTION**

**THE PRESENT INVENTION RELATES GENERALLY TO A NEW POWER DEVICE. MORE DISTINCTIVELY, IT CREATES ELECTRICAL POWER FROM COMPRESSED GAS AND VACUUM CHAMBERED ENERGY.**

**ANOTHER POSITIVE ATTRIBUTE OF THE PRESENT INVENTION IS THE REALITY THAT THE COMPRESSED GAS IS PASSED THROUGH THE GENERATOR, WHICH IS RECEIVING THE HEAT FROM THE GENERATOR TO INCREASE THE EFFICIENTLY OF THE GENERATED ELECTRICITY. COMPLETE USE OF ENERGY FROM COMPRESSED GAS, VACUUM CHAMBERED ENERGY, AND FROM THE HEAT PRODUCED.**

## **SUMMARY OF THE INVENTION**

**THE PRESENT INVENTION PROVIDES A UNIQUE BATTERY SYSTEM. PRODUCES FROM COMPRESSED GAS AND VACUUM CHAMBERED ENERGY, CLEAN, USABLE ELECTRICAL POWER FOR USE IN ANY APPLICATION IN ANY DEVICE THAT REQUIRES BATTERY POWER TO OPERATE. THE NEW INVENTION IS MUCH LIGHTER FOR THE SAME ENERGY OUTPUT AS CONVENTIONAL UNITS, IT CAN BE RE-CHARGED IN SECONDS RATHER THAN IN HOURS, IT OPERATES AND IS CHEMICAL-FREE, THE NEW INVENTION IS ALSO RE-USABLE UNLIKE CONVENTIONAL BATTERIES, IT IS ENVIRONMENTALLY SAFE TO OPERATE, ACTUALLY PRODUCING AND REPLENISHING NEEDED OZONE TO THE ATMOSPHERE, AND IT OPERATES AT ABOUT A 90% EFFICIENTCY LEVEL.**

## **BRIEF DESCRIPTION OF DRAWINGS**

**FIG. 1 IS A SCHEMATIC VIEW OF THE THERMO-DYNAMIC BATTERY STORAGE UNIT.**